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In re Application of:)	I hereby certify that this paper is being
Boris Masinovsky et al.)	deposited with the United States Postal
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For: Methods for Using Agents that Bind)	Commissioner of Patents and
to VCAM-1 (Amended Title))	Trademarks, Washington, D.C. 20231
Group Art Unit: 1815)	on
Examiner: P. Gambel, Ph.D.)	
)	
)	<u>November 14, 1994</u>
)	Date:
)	<u>Li Hsien Rin-Laures</u>
)	Li-Hsien Rin-Laures, M.D.
)	Registration No. 33,547
)	Attorney for Applicants

DECLARATION OF BORIS MASINOVSKY

Hon. Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

I, Boris Masinovsky, hereby declare as follows:

1. I am a co-inventor of the subject matter claimed in the above-identified patent application (hereinafter "patent application"). I am also a co-author of the journal article Simmons et al., "Vascular Cell Adhesion Molecule-1 Expressed by Bone Marrow Stromal Cells Mediates the Binding of Hematopoietic Progenitor Cells," *Blood*, 80:388-395 (1992) (hereinafter "Simmons").

2. The three inventors named in the patent application are the true and only co-inventors of the subject matter claimed in the patent application. Co-inventors Boris Masinovsky and Paul Simmons are also co-authors of the Simmons article.

3. The experimental work described in Simmons was performed by or was performed at the direction and under the supervision of one or more of the three co-

inventors. Also named as literary authors on the Simmons publication are Brian Longenecker, Ronald Berenson and Beverly Torok-Storb. I am familiar with each of these individuals and their respective contributions to the publication and the ideas, methods, materials, research results, and the like reported therein. These individuals were not involved in the conception or reduction to practice of the subject matter of the patent application, and made no inventive contribution. Set forth below is a brief description of representative contributions of each of these individuals that caused the individuals to be listed as literary authors of the journal publication. None of these individuals is a co-inventor of the subject matter claimed in the patent application.

4. Brian Longenecker was not an inventor of the claimed subject matter. He is a President of a biotechnology company and provided anti-VLA-4 antibodies for our use.

5. Ronald Berenson was not an inventor of the claimed subject matter. He is a university professor and Vice President of Cellpro; he provided human bone marrow from a cadaver.

6. Beverly Torok-Storb was not an inventor of the claimed subject matter. She was Paul Simmons' post-doctoral advisor, and provided general advisory support for Dr. Simmons.

7. The authors of the Simmons publication derived information concerning the present invention from the inventive entity named in the patent application.

8. That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this patent application or any patent issuing thereon.

10 November 1994
Date

Boris Masinovsky
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